

3180 Series High Voltage Transformer

Rated Metering Equipment Protection with VT™ Pack Provisions



Through an alliance agreement with Two Sockets Two Meters Brooks Meter Devices is now able to offer additional equipment protection options with the use of the Two Sockets Two Meters VT pack™.

The 3180 series is the first of a family of products that help utilities deal with equipment failures on 277/480 volt transformer rated meter installations. Metering installations can experience high transient voltage spikes due to lightning, line surges, fault currents etc. that cause voltages to far exceed the meter or meter sockets ability to withstand. The results are costly failures and customer disruptions.

An additional safety benefit is derived from the use of the VT pack™ as the voltage is reduced from 277 to 120 volts at the meter allowing for a safer meter testing environment. Safety on 277/480 volt meter installations is a major concern with electric utilities

The VT pack™ is made of 3 toroidally wound, highly accurate encapsulated voltage transformers that help the metering equipment to survive high voltage spikes and make metering higher voltages safer.

The VT pack™ can be furnished factory installed or may be easily and quickly added in the field by the use of the wiring harness jumper plug assembly. The jumper plug is for use without the VT pack on non 480 installations. Provisions are provided with the 3180 13 terminal meter socket for installation of the VT pack in the field. The VT pack simply mounts to the side of the enclosure with 3 mounting studs and nuts provided and the jumper plug is disconnected and plug into the VT pack™. It's just that simple. VT packs are available in ratios of 2:1 and 2:5:1.



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How to order:

- 1) Select meter socket from listing below.
- 2) Select Voltage Transformer package from listing below
- 3) Provide test switch arrangement and wiring diagram or other specifications desired or consult factory for help.

1 Piece Cover - Ringless Only

Terminals	Cat. No.	Vt pack	Material	Hub	Terminal Cu-al	Weight	Std Pack
13	602-3180-C13-661	Provisions Only	Steel	Hub plate	#6-14	20	1
13	602-3180-C13-958	6003012 2.5:1	Steel	Hub plate	#6 14	20	1
8	602-3180-C8-819	Provisions Only	Steel	Hub plate	#6-14	20	1

Two Sockets Two Meters VT Pack™

Cat. No.	Description	Weight	Std Pack
6004824	Three Phase VT Pack, Ratio 2:1 Primary Voltage 240-480	11	1
6003012	Three Phase VT Pack, Ratio 2.5:1 Primary Voltage 255-330	11	1
A6003012	Three Phase VT Pack, Ratio 2.5:1 Primary Voltage 255-330 Fully compliant with IEEE C.57.13 specifications	13.5	1



VT Pack™ is a trademark of Two Sockets Two Meters



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Brooks Meter Devices
3359 Bruening Avenue S.W.
P.O. Box 6382, Sta. B, Canton, OH 44706
330.455.0301 • Fax: 330.455.1461 • Toll-Free: 1.888.687.3008
Email: marketing@Meter-Devices.com • brooksupility.com

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